INSTALLATION, OPERATION AND MAINTENANCE MANUAL

Warning

Please read carefully before proceeding with installation. Your failure to follow any attached instructions or operating parameters may lead to the products failure and possible damage to property.

Save manual for future reference

MODEL

WP-5 WP5-50 KP-5 B-RO5M-50

System Tested and certified by NSF International against ANSI/NSF Standard 58 for the reduction of the claims specified on the performance data sheet.

Refer to enclosed warranty for operating parameters to ensure proper use with your water supply.

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Thank you for your purchase of a state of the art Watts Premier Reverse Osmosis (RO) water treatment system. Water quality concerns are quickly becoming more of a focus for the public. Lately you may have heard about contaminants in the drinking water, such as arsenic, chromium, cryptosporidium or Giardia. There may also be some local water issues in your area such as high levels of lead and copper. This Watts Premier water treatment system has been designed and tested to provide you with high quality water for years to come. The following is a brief overview of the system.

Your Reverse Osmosis System:

Osmosis is the process of water passing through a semi permeable membrane in order to balance the concentration of contaminants on each side of the membrane. A semi permeable membrane is a barrier that will pass some particles like clean water, but not other particles like arsenic and lead.

Reverse osmosis uses a semi permeable membrane; however, by applying pressure across the membrane, it concentrates contaminants (like a strainer) on one side of the membrane, producing crystal clear water on the other. This is why RO systems produce both clean drinking water and waste water that is flushed from the system. This reverse osmosis system also utilizes carbon block filtration technology, and can therefore provide a higher quality drinking water than carbon filtration systems alone.

Your system is a five stage RO which is based upon five separate treatment segments within the one complete water filtration system. These stages are as follows:

Stage 1 – Sediment filter, recommended change 6 months.*

The first stage of your RO system is a five micron sediment filter that traps sediment and other particulate matter like dirt, silt and rust which affect the taste and appearance of your water.

Stage 2 and 3 – Carbon filters, recommended change 6 months.*

The second and third stages each contain a 5 micron carbon block filter. This helps ensure that chlorine and other materials that cause bad taste and odor are greatly reduced.

Stage 4- Membrane, recommended change 2-5 years.

Stage four is the heart of the reverse osmosis system, the RO membrane. This semi permeable membrane will effectively take out TDS, Sodium and heavy metals such as arsenic, copper, and lead, as well as Cysts, such as Giardia and cryptosporidium. Because the process of making this high quality drinking water takes time, your RO water treatment system is equipped with a storage tank.

Stage 5- Carbon in-line filter, recommend change 6 - 12 months.

The final stage is an in-line granular activated carbon (GAC) filter. This filter is used after the water storage tank, and is used as a final polishing filter.

System Maintenance

Just because you can not taste it, does not mean that it is not there. Contaminants such as lead, chromium and arsenic (to name a few) are undetectable to the taste. Additionally, over time if you do not replace the filter element, other bad tastes and odors will be apparent in your drinking water.

This is why it is important to change out your filter at the recommended intervals as indicated in this system manual. When replacing the filter elements, pay special attention to any cleaning instructions. Should you have any further questions please refer to our website at **www.wattspremier.com** or call our customer service dept. at **1-800-752-5582.**

*KP-5 R.O. unit is equipped with annual filters, therefore require only one annual filter change.

With proper installation and maintenance, this system will provide you with high quality water for years to come. All of Watts Premier's water enhancement products are rigorously tested by independent laboratories for safety and reliability. If you have any questions or concerns, please contact our customer service department at 1-800-752-5582 (outside USA 623-931-1977) or refer to our on-line trouble shooting at www.wattspremier.com.

Table of Contents

Operational Parameters

Operating Temperatures:	Maximum 100°F (37.8°C)	Minimum 40°F (4.4°C)
Operating Pressure:	Maximum 85 psi (6.0 kg/cm2)	Minimum 40 psi (2.80 kg/cm2)
pH Parameters:	Maximum 11	Minimum 2
Iron:	Maximum 0.2 ppm	
TDS (Total Dissolved Solids):	< 1800 ppm	
Turbidity:	< 5NTU	

Hardness: Recommended hardness should not exceed 10 grains per gallon, or 170 ppm. System will operate with hardness over 10 grains but the membrane life will be shortened. (Addition of a water softener may lengthen the membrane life.)

Note: The operating pressure in your home should be tested over a 24 hour period to attain the maximum pressure. If it is above 85 psi a pressure regulator is recommended and if over 100 psi then a pressure regulator is required. Should you need a gauge to check your pressure, see page 26 (item no. 261003).

Note: Reverse Osmosis water should not be run through copper tubing as the purity of the water will leach copper and cause an objectional taste in water and may cause pin holes. Be sure to follow any state or local regulations.

Contents of Reverse Osmosis (RO) System

1 Tank – White
1 Module – White
1 Parts Bag – With a Final Filter
1 Faucet Bag
1 Manual and Warranty Card

If any of the items are missing please contact Premier prior to installing.

Tools Recommended For Installation

√ 1 1/4" Hole Saw Bit for Faucet opening
√ Round Knock out Punch for Stainless Sinks 1 ¼”
√ Adjustable Wrench
√ Sharp Knife
√ 1 / 2" - 13/16” Open End Wrenches
√ Phillips Screw Driver
√ Needle Nose Pliers – Adjustable Pliers
√ Electric Drill
√ 1/8", 1/4" & 3/8" Drill Bits

Drill a Hole for the Faucet in a Porcelain Sink

Note: Most sinks are predrilled with 1 ½" or 1 ¼" diameter hole that you can use for your RO faucet. (if you are already using it for a sprayer or soap dispenser, see step 1).

Porcelain sinks are extremely hard and can crack or chip easily. Use extreme caution when drilling. Premier accepts no responsibility for damage resulting from the installation of faucet.

Step 1 Determine desired location for the faucet on your sink and place a piece of masking tape on location where the hole is to be drilled. Mark the center of the hole on the tape.

Step 2 Using a variable speed drill on the slowest speed, drill a $^{1}/_{8}$" pilot hole through both porcelain and metal casing of sink at the center of the desired location. (If drill bit gets hot it may cause the porcelain to crack or chip), use lubricating oil or liquid soap to keep cool.

Step 3 Using a 1 ¼" hole saw, proceed to drill the large hole. Keep drill speed on the slowest speed and use lubricating oil or liquid soap to keep the hole saw cool during cutting.

Step 4 Make sure the surroundings of the sink are cooled before mounting the faucet to the sink after drilling. Remove all sharp edges.

Punch a Hole for the Faucet in a Stainless Steel Sink

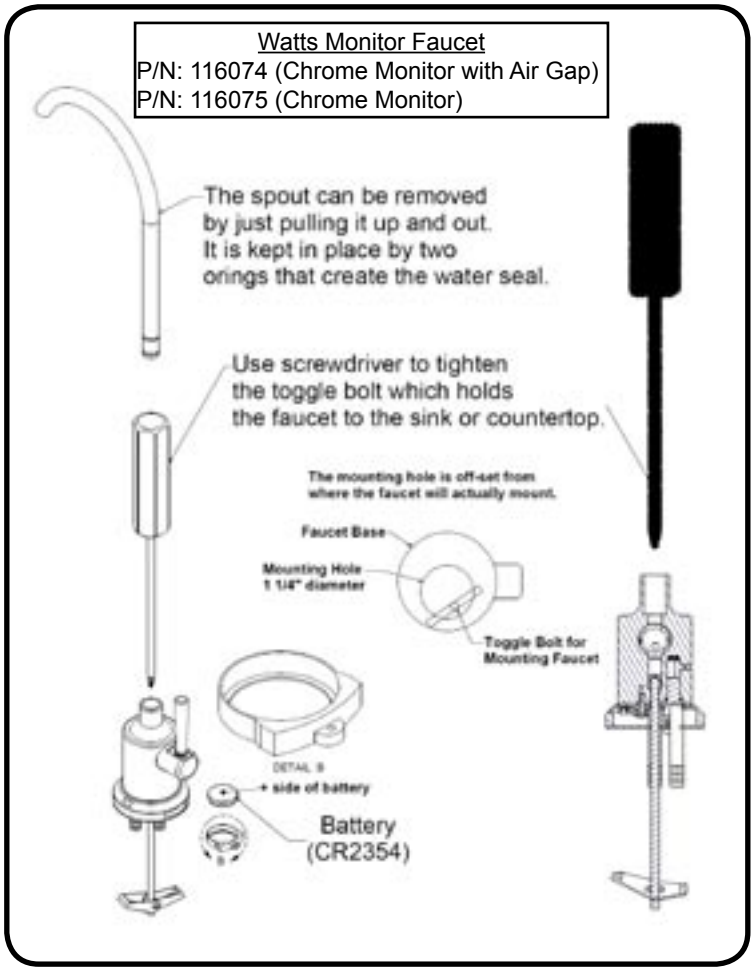
Note: If mounting faucet to a Stainless Steel Sink you will need a 1 ¼" Hole Punch. The faucet opening should be centered between the back splash and the edge of the sink, ideally on the same side as the vertical drain pipe.

Step 5 Drill a ¼" pilot hole. Use a 1/2" Hole Punch and an adjustable wrench to punch the hole in the sink. Change to the 1 1/4" Hole Punch to enlarge the hole.

The faucet can now be installed.

WATTS Premier (Top Mount) Monitor Faucet Installation

	Minimum	Maximum
Mounting Hole Size	1.00”	1.25”
Torque on Toggle Bolt	5lb.in. (max)	



Step 1 Gather and identify the faucet pieces.

Step 2 Remove faucet base & faucet spout from their respective plastic bags. From above the sink, feed the faucet tubing & toggle bolt down through the 1.00” to 1.25” mounting hole in the sink. Ensure that the soft rubber gasket is uniformly positioned in between the base and the top of the sink.

Step 3 Align the faucet base so that the handle is on the right side and the base is sitting flush on the sink top. Turn the handle down (towards you) to the “ON” position to reveal the tightening screw (located where the spout will be inserted). Using a phillips head screwdriver, turn the screw clockwise until the toggle bolt secures the faucet base snug onto the sink top, do not over torque toggle bolt (5lb.in. max.).

Step 4 Once the faucet base is securely fastened to the sink top, insert the faucet spout into the faucet base until it is fully seated. Turn the handle up (away from you) to the “OFF” position.

Tubing Connections

Step 5 The ***BLUE Tube*** from the faucet should be connected to the clean water source, such as from the RO system, clean water storage tank, or from the final filter. This is the line that supplies the faucet with clean water when the faucet is turned to the “ON” position. You may need to use a 3/8” to 1/4” union (Watts p/n: 125037) to attach this line. ***This is also the only line to connect if your faucet does not have an air gap.***

Step 6 The ***RED Tube*** from the faucet should be connected to the waste water output port on the RO system.

Step 7 The ***BLACK Tube*** from the faucet should be connected to the drain. This is a gravity fed line, if there is any bend or dip in the tube the rinse water will not flow into the drain properly. Water may back up and come out the air gap hole in the back of the faucet base.

Note: Check all connections for any signs of leaking over a 24 hour period.

Faucet Battery Installation

Step 8 Remove the faucet battery from the plastic bag. Locate the faucet battery compartment drawer on the base of the faucet. Using a small screwd
drawer.

NOTE: The + side of the battery faces up. The compartment drawer will not slide in if the battery is installed upside down.

Once the battery is in place, slide the battery compartment drawer back into the base until it is flush.

When the battery is first installed, both the red and green lights will flash to indicate that both lights are functional. Thereafter, it will flash green only when the faucet handle is turned to the “ON” position. When your system is ready to be serviced (approximately six months) you will see the light flash red when the handle is turned to the “ON” position. Refer to the ***Six Month Maintenance*** section of your system’s manual for filter replacement.

NOTE: If your water usage is high the red light may activate sooner than six months indicating the need for filter replacement.

This faucet provides an electronic monitor that will tell you when it is time to replace the filters in your water treatment device. The light indicator will be green for the life of the filter, turning red once the life of the filter has been reached. This can occur after six months of use, or sooner for heavy water usage. To reset the electronic monitor during replacement of filters, simply slide out the battery from the faucet and reinsert. The battery life is expected to last one year, however, for heavy use the battery may need to be replaced sooner. For replacement, look for battery number CR2354 (Watts p/n:116082) which is available at your local battery store or contact Watts Premier at 800-752-7782. You can also order online at www.wattspremier.com.

AG-SS with TDS Monitor Faucet Installation

Note: If using the AG-SS TDS Monitor Air Gap Faucet , a 1 1/4" hole will be required.

Step 6 Remove the stem nut and the tubing guide from the faucet. Make sure the soft rubber gasket remains, so it will be on top of the counter when installed. From above the sink, feed the tubing and faucet stem down through the 1¼ inch mounting hole in the sink.

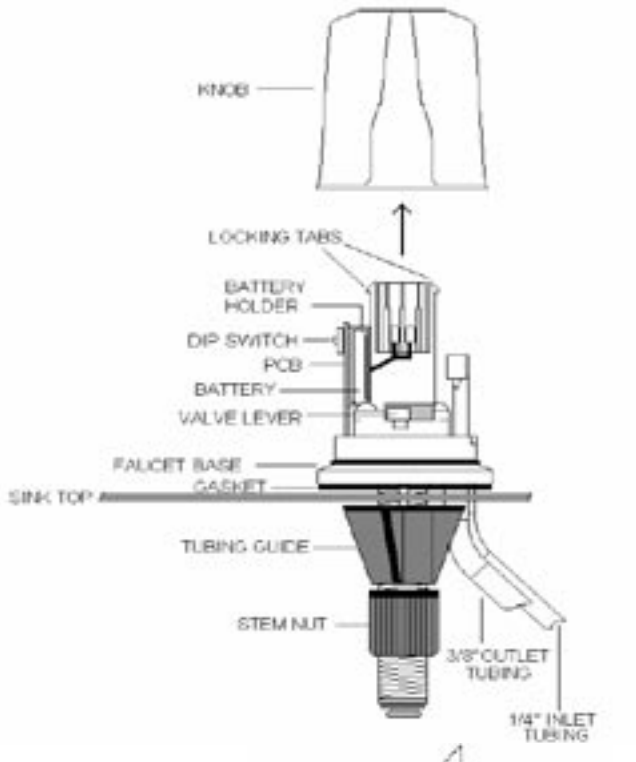
Step 7 From below the sink, slide the tubing guide up the threaded stem and follow it with the mounting nut, turning the nut clockwise until fully tightened.

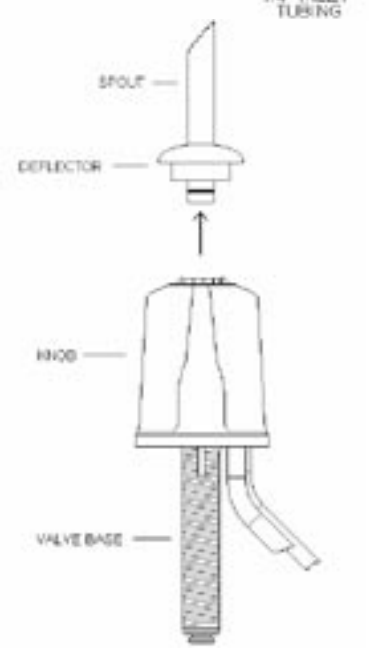
Step 8 Insert the blue tubing (part# 610113), into the end of the threaded stem. Make sure to push in firmly to ensure the tubing is locked in place. (NOTE: this tubing will also be used for the final filter installation page 13)

Note: Refer to **Black Tube Connection** and **Red Tube Connection** steps on pages 12 & 13 of this manual to complete the faucet installation.

Step 9 Remove the spout from the top of the faucet by pulling it straight upward. Remove the faucet knob by pinching the two locking tabs inward and then pulling upward on the knob while the tabs are pinched inward. Push the coin cell battery into the battery holder behind the circuit board. **NOTE: the + side of the battery goes against the gold metal bracket.**

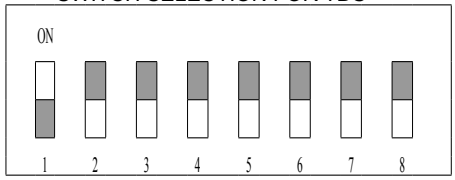
When the battery is iinstalled, the red and green indicator lights will go through a flashing sequence, followed by only the green light flashing. At this time, make your TDS selection on the DIP Switch, only one switch is to be pushed up. Refer to the chart below to determine which switch you want to push up.





Step 10 Replace the knob by centering it over the faucet and aligning the trough on the inside of the faucet knob with the valve lever. Lower the knob making sure the valve lever slides into the trough, making sure the knob top hole is centered over the locking tabs. Push the knob all the way down until it locks in place. Push the spout back into the top of the faucet so that it is fully seated and push the frosted deflector down until fully seated. You may have to rotate the deflector until it is in position to be fully seated.

SWITCH SELECTION FOR TDS



1 - 30 ppm	5 - 150 ppm
2 - 60 ppm	6 - 200 ppm
3 - 90 ppm	7 - 250 ppm
4 - 120 ppm	8 - 300 ppm

Note: After completing the installation of your RO system, you should see the green light flash at the base of the faucet while water is flowing through the faucet **(the red light may flash when system is first turned on, this will turn green following the initial tank flush)**.

When the system is ready to be serviced (six to 12 months) you will see the flashing light switch from green to red, indicating it is time to replace your filter cartridge(s).

AG-SS with Monitor Faucet Installation - Part# 116061

Note: If using the AG-SS Monitor Air Gap Faucet , a 1 1/4” hole will be required.

Gather and identify the faucet pieces.

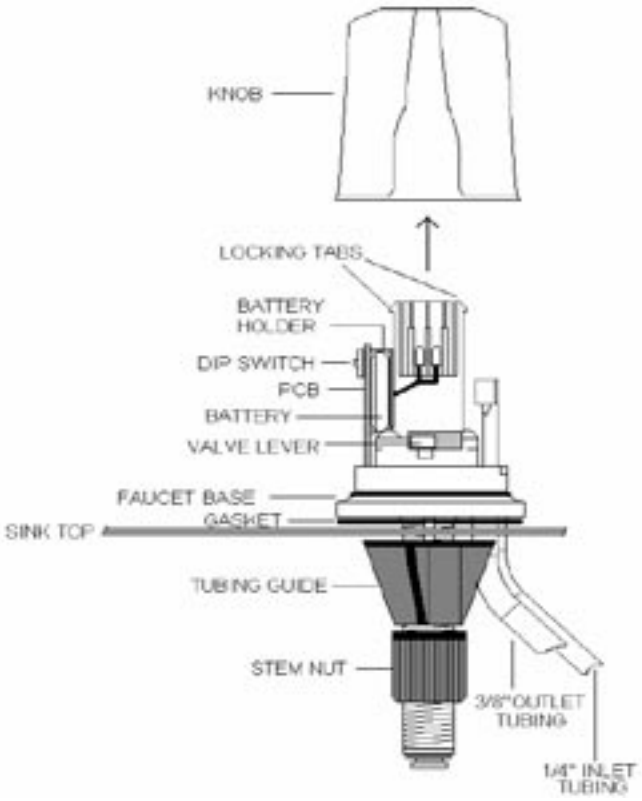
Step 6 Remove faucet and small parts from plastic bag. Slip the gasket over the threaded stem to the faucet flange. From above the sink, feed the tubing and faucet stem down through the 1¼ inch mounting hole in the sink.

Step 7 From below the sink, slide the tubing guide up the threaded stem and follow it with the mounting nut, turning the nut clockwise until fully tightened.

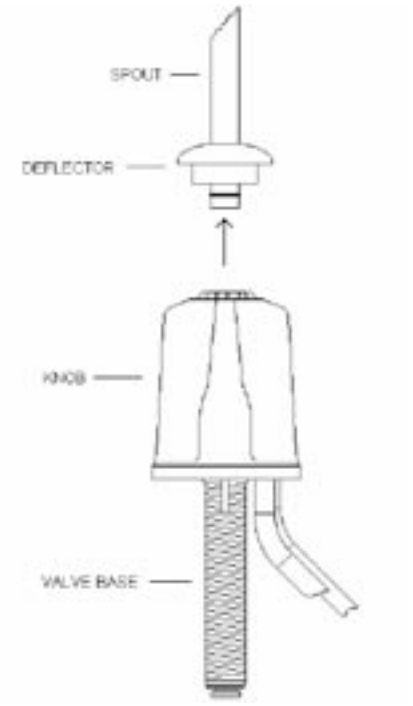
Step 8 Insert the blue tubing (part# 610113), into the end of the threaded stem. Push it all the way in and then pull on it firmly to verify it is locked in place. (NOTE: this tubing will also be used for the final filter installation page 11)

Note: Refer to **Black Tube Connection** and **Red Tube Connection** steps on page 11 of this manual to complete the faucet installation.

Step 9 Remove the spout from the top of the faucet by pulling it straight upward. SEE DRAWING
Remove the faucet knob by pinching the two locking tabs inward and then pulling upward on the knob while the tabs are pinched inward. Push the coin cell battery into the battery holder behind the circuit board. **NOTE: the + side of the battery goes against the gold metal**



Step 10 Replace the knob by centering it over the faucet and aligning the trough on the inside of the faucet knob with the valve lever. Lower the knob making sure the valve lever slides into the trough, making sure the knob top hole is centered over the locking tabs. Push the knob all the way down until it locks in place. Push the spout back into the top of the faucet so that it is fully seated and push the frosted deflector down until fully seated. You may have to rotate the deflector until it is in position to be fully seated.



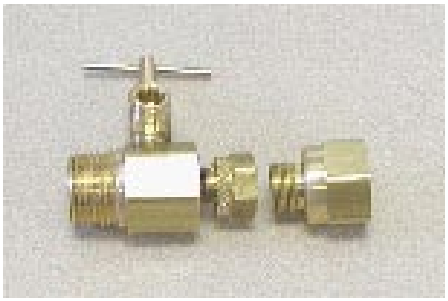
Note: After completing the installation of your RO system, you should see the green light flash at the base of the faucet while water is flowing through the faucet **(the red light may flash when system is first turned on, this will turn green following the initial tank flush)**.

When the system is ready to be serviced (six to 12 months) you will see the flashing light switch from green to red, indicating it is time to replace your filter cartridge(s).

Adapta Valve Installation - Part# 134007

Configuration for 3/8" compression fittings

Hot Supply **Cold Supply**



Configuration for 1/2" compression fittings

Step 11 Turn off the cold water supply to the faucet by turning the angle stop valve completely off.

Step 12 Attach adapta valve as illustrated in the three photos above, choosing the configuration that fits your plumbing. (When attaching the adapta valve to straight pipe threads, use Teflon tape on the treads.) The green tube from inlet side of RO module will be cut to length and attached later in the installation.

Caution: Water supply line to the system must be from the cold water supply line only. Hot water will severely damage your system.

Reverse Osmosis Module Mounting

Step 13 Determine best location for the RO module to be mounted to allow for future system maintenance. The parts bag has 2 self tapping screws. Using a phillips screwdriver, screw them into the cabinet wall 6" apart and 16" from the bottom of the cabinet.

Note: ***Do not cut any RO system tubes at this time***

Drain Saddle Installation - Part# 164016

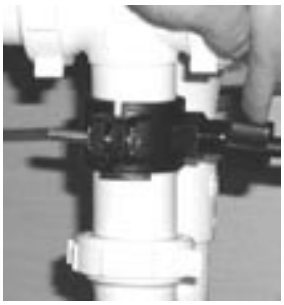
Drain Saddle fits standard 1 ¼" – 1 ½" drain pipes

Step 14 Gather the pieces of the drain saddle

1 Black compression nut
1 Semicircle bracket with opening
2 Screws
1 Foam washer
2 Nuts for screws
1 Semicircle bracket

Step 15 The small square black foam gasket with a circle cut out of the middle must be applied to the inside of the drain saddle. Remove sticky tape backing and stick to the drain saddle as shown.

Step 16 Drill a ¼" hole through the drain pipe at least 1 ½" above the nut of the P-trap to allow for the removal of the P-trap if necessary. Assemble the drain saddle around the drain pipe. Position the drain saddle over the drilled hole in pipe. Insert screw driver into the opening of the drain saddle and align with drilled hole in drain pipe. Using Philips screw driver tighten screws evenly and securely on both sides of the drain saddle. Attach black compression nut, but do not tighten at this time. The black tubing will be installed later.



Caution: Do not over tighten the screws. It may crack the drain saddle.

Tank Elbow Installation - Part# 125032

Step 17 Wrap (7 to 12 turns) Teflon tape clockwise around the male pipe threads (MPT) on the Stainless Steel fitting on top of the tank.

Note: Do not let the tape cover the opening.

Step 18 Thread the plastic elbow (supplied in the parts bag) onto the stainless steel connection on the top of tank. Tighten using an adjustable wrench. **Do not over tighten as plastic could crack.**

Caution: Do not Teflon tape the plastic elbow threads as this may cause leaks.

Connect Blue Tube from TANK port on RO Module to the Tank

Step 19 Position tank in desired location. Stand it upright or lay it on its side (using the black plastic stand). Measure the blue tube from the RO module port marked TANK over to the tank and cut it to desired length.

Step 20 Insert the blue 3/8” tube into the compression nut as far as it will go. Tighten the compression nut securely with a wrench.

Green Tube Connection

Step 21 Insert the green tube into the ¼” opening on the adapta valve until it stops. Slide nut and sleeve down and thread onto the male pipe threads. Use a ½” wrench to securely tighten.

Step 22 Remove a brass nut, plastic sleeve and brass insert from the parts bag. Place nut on the tube first, then the sleeve (Small taper end of sleeve must point to the end of tube) and then insert the brass Insert into the end of the tube.

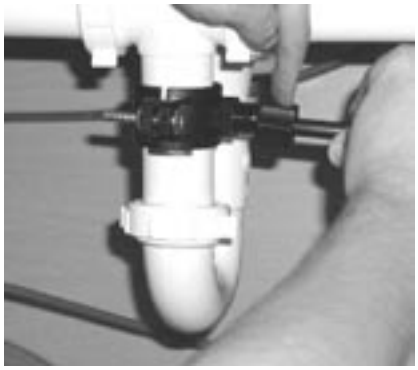
Step 23 Connect the green tube from the RO module to the adapta valve that is connected to the Angle Stop Valve. Leave enough tube so it is not kinked and cut the tube to desired length.

Adapta Valve - Part # 134007

3/8” Black Tube Connection from faucet

Note: The tubing must be as SHORT and STRAIGHT as possible to the drain saddle, making a downward slope from module to drain saddle to allow for proper drainage.

Step 24 Measure the black tube from faucet to the black drain saddle and make a straight cut through tube.

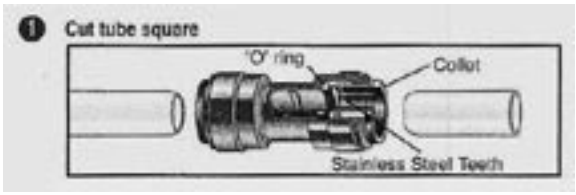


Step 25 Remove black plastic nut from drain saddle. Slip black tube through black nut. Insert black tube into the opening in the drain saddle and hand tighten the black nut, and add 1/4 turn with a wrench.

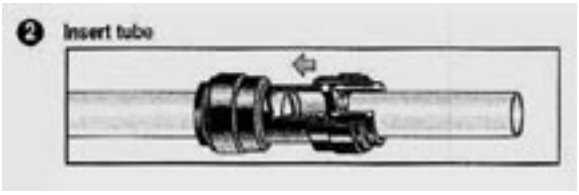
Note: This is a gravity fed line, if there is any bend or dip in the tube the rinse water will not flow into the drain properly. Water will back up and come out the air gap hole in the back of the faucet base.

How to use the quick connect fittings on the RO Module

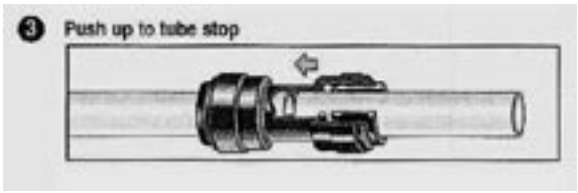
To make a connection, the tube is simply pushed into the fitting. Place a piece of tape 1/2” from end of tube to indicate how far the tube should be inserted. The unique patented John Guest® locking system holds the tube firmly in place without deforming it or restricting flow.



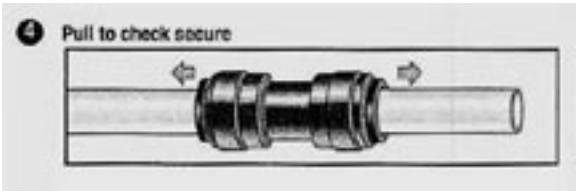
Cut the tube square. It is essential that the outside diameter be free of score marks and that burrs and sharp edges be removed before inserting into fitting.



Fitting grips before it seals. Ensure tube is pushed into the tube stop.



Push the tube into the fitting, to the tube stop. The collet (gripper) has stainless steel teeth which hold the tube firmly in position while the O-ring provides a permanent leak proof seal.



Pull on the tube to check that it is secure. It is a good practice to test the system prior to leaving site and /or before use.

To disconnect, ensure the system is depressurized before removing the tube. Push in collect squarely against face of fitting. With the collect held in this position, the tube can be removed. The fitting can then be reused.

Connect the Red Tube from Faucet to RO Module

Step 26 Insert the red 1/4” tube from the faucet into the port on the module marked DRAIN. Make sure the tube is pushed in all the way to the tube stop.

Final Filter Installation

Step 27 The Final Filter and 2 white plastic connectors are in the parts bag. (One 1/4” smaller & one 3/8” larger)

Step 28 Remove the caps from the final filter.

Step 29 Thread the smaller (1/4”) white plastic connector into the end of the Final Filter and tighten, (flow arrow on filter points to the 1/4” connector).

Step 30 Thread the larger (3/8”) white plastic connector into the other end of the final filter.

Step 31 Insert the 1/4” blue tube attached to the faucet into the outlet of the filter and tighten plastic nut securely. The flow arrow should be pointing toward the faucet. Insert the 3/8” blue tube attached to the module into the 3/8” inlet white connector on the in-line Final Filter. Tighten the white compression nuts with an adjustable wrench.

Start up Instructions

Step 1 Turn on the incoming cold water at the angle stop valve. Open the needle valve on the brass Adapta Valve by turning counter clockwise. Check the system for leaks and tighten any fitting as necessary. (Check frequently over the next 24 hours to ensure no leaks are present).

Step 2 Open the RO faucet and leave it open until water begins to trickle out, (it will come out slowly).

Step 3 After water trickles out of the faucet, close RO faucet so the tank will fill with water. The tank will take 6 to 10 hours at first to fill completely depending on the size of the membrane, local water temperature and pressure.

Step 4 After the Tank has filled, open the RO Faucet to flush the Tank completely to remove carbon particles from final filter. Repeat this step two more times. The fourth tank can be used for drinking. Note: The flushing of the tank 3 times is only necessary during initial installation. This should take about a day to complete.

Step 5 If system is connected to an Ice Maker, turn the Ice Maker off until flushing is complete and the tank has refilled. The system should have an in-line valve installed before the Ice Maker so it can be closed to prevent water flowing to the Ice Maker. Your tank must be allowed to fill up in order for the unit to shut off. (If you are installing an Ice Maker Kit, tee off after the final filter).

Step 6 Register warranty by mail, phone, or internet. Watts Premier uses this information only to provide a filter change reminder service. Pre-filters should be changed every six months. You may register your warranty via our website at www.wattspremier.com or call 1-800-752-5582 (within USA only).

NOTE: Your reverse osmosis system contains replaceable treatment components that are critical for effective contaminant reduction. Periodic inspection and following proper system maintenance is critical for continued performance.

6 Month System Maintenance

Note: The KP-5 R.O. unit is equipped with annual filters, therefore require only one annual change. Watts Premier sells a filter change kit which includes pre-filters, a final filter, connectors, and a wrench.

√ One 10" sediment filter (part no. 104017)
√ Two 10" carbon filters (part no. 101009)
√ Bucket to catch water from filter housings.

Step 1 Turn off incoming water supply to the RO by turning the needle valve on the adapta valve clockwise. (The green tube is connected to the adapta valve.)

Step 2 Open RO Faucet to allow water to drain from the tank until completely empty. Water can be saved in a container for drinking or to rinse system parts.

Step 3 Let system sit for 10 – 15 minutes after tank is empty to depressurize before attempting to remove filter housings.

Step 4 For more leverage, leave RO module attached to wall of cabinet. If you are unable to access the module you may remove it to change filters. Starting with the closest housing, remove and empty water, then discard filters. Continue on to the 2nd and/or 3rd Bowls.

Step 5 Clean all filter housings (bowls) with a mild soap solution and rinse with water. Check O-rings and lubricate with water soluble lubricant. KY Jelly® , Canola oil and other water based lubricants can be used, petroleum based lubricants (such as Vaseline®) must not be used.

Step 6 The sediment filter has a cloth like appearance. It should be in the 1st housing on the side with tubing connections.

Caution: Check O-rings to make sure they are still in place.

Step 7 Insert the Carbon Block filter (filter has a gasket on each end) into the middle housing.

Step 8 Repeat this step for 3rd housing .

Note: If also doing the annual maintenance at this time continue to Step 2 on page 16.

Step 9 Turn water on to the unit by turning the needle valve on the adapta valve counter clock wise.

Step 10 Open RO faucet and leave open until water begins to trickle out. Close RO faucet to allow tank to fill with water.

Annual Maintenance

Step 1 Annual sanitizing of unit is recommended. Turn off incoming water supply. Remove sediment & carbon filters from filter housing.

Step 2 Open Membrane vessel and remove the membrane from the membrane vessel. Replace empty membrane vessel onto the unit.

Step 3 Leave filters out, replace the last two (of three) empty filter housings (hand tight) onto unit. Measure & pour either 1/2 cup of 3% hydrogen peroxide or 2 tablespoons of common household bleach into the 1st filter housing and hand tighten onto unit.

Step 4 Turn on incoming water supply. Wait 1 minute for the unit to pressurize. Turn on the RO faucet and let the water run for 30 seconds then turn off the RO faucet . Let the unit re-pressurize for 2 minutes. Open RO faucet again and let the water run for 5 more minutes.

Step 5 Turn off incoming water supply and make sure tank is completely drained. Refer to 6 months filter change to now install new filters. Make sure to insert RO membrane back into the manifold vessel.

Step 6 The Final Filter should be replaced annually. Remove white nuts at both ends of the filter to replace the old final filter. Replace with new filter and connectors as shown on page 13. The white nuts can be reused so they do not have to be removed from the tubes.
Note: Flow arrow on final filter must be pointing in the direction of the faucet

Step 7 Turn on incoming water supply. Let tank fill for 2-3 hours. Check for leaks and drain tank

Membrane Replacement

Membranes have a life expectancy of between 2 and 5 years, depending on the incoming water conditions and the amount of use of the RO system.

Normally, a membrane would be replaced during a semiannual or annual filter change. However, if at any time you notice a reduction in water production or an unpleasant taste in the reverse osmosis water, it could be time to replace the membrane. A water sample may be sent Watts Premier for a free test or a TDS (total dissolved solids) monitor can be purchased from Watts Premier to test the incoming and reverse osmosis water at home.

To send a water sample, using 2 clean containers put ½ cup of tap water in one container and ½ cup of reverse osmosis water in 2nd clean container. Clearly mark each container. Watts Premier will test the water and call or mail you the results.

Step 1 Turn off the cold water supply and open the RO faucet to drain the tank.

Step 2 Remove the membrane vessel on top of the unit by turning the vessel counter clockwise to loosen.

Step 3 Pull firmly on the membrane to remove from the housing and discard.

Step 4 Unwrap new membrane and lubricate the o-rings with water soluble lubrication such as KY Jelly ® before inserting into housing. Insert end with the two black O-rings into the cap. Twist the membrane as you push firmly into the cap.

Step 5 Replace the vessel onto the cap by turning clockwise. Tighten securely.

Cleaning the Flow Restrictor

Step 6 The flow restrictor plug (part no. 164015) must be cleaned each time you change the Membrane (part no.110009.) Remove the existing flow restrictor with a screwdriver.

Step 7 Wash with soap and water and rinse. Reinsert the flow restrictor plug and tighten until the head is flush with module.

Step 8 Follow the Start Up Instructions on page 14.

Check Air Pressure in the Tank

Note: Check air pressure when tank is empty of water!

Check air pressure in the tank when you notice a decrease in available water from the RO system.

Step 1 It is recommended that you drain the tank of water, and then pump up the RO tank in order to ensure all water is out of the tank. Air can be added with a bicycle pump.

Step 2 Once all water in the tank is purged out, check air pressure of the tank. If you added air to the tank, it will be higher than 5 - 7 psi.

Allow air out until you have 5 - 7 psi in the tank.

Procedure extended for Non-Use

If the system will not be used for an extended period (more than 2 months), shut the system down and remove the membrane. Place the membrane in a sealed plastic bag with a few drops of RO water and place in your refrigerator.

For restart, follow annual sanitization procedures.

TROUBLE SHOOTING

Problem	Cause	Solution
1. Low/Slow Production	Low Water Pressure	Assure a minimum of 40 psi incoming water pressure. Premier sells a booster pump if home water pressure is low. Maker sure water supply is turned on and Adapta Valve is all the way open
	Crimps in tubing	Check tubing and straighten or replace as necessary.
	Clogged pre-filters	Replace pre-filters.
	Fouled membrane	Replace membrane and clean flow restrictor.
2. Milky colored Water	Air in system	Air in the system is a normal occurrence with initial start up of the RO system. This milky look will disappear during normal use within 1-2 weeks. If condition reoccurs after filter change, drain tank 1 to 2 times.
3. Water constantly running unit will not shut off	Low water pressure	See #1 Above
	Fouled membrane	Replace membrane
	High water pressure	Check incoming water pressure to make sure it does not exceed 100 psi. A presser relief valve may be necessary.
	High air pressure in tank	Empty storage tank of water. Set tank air pressure to 5 psi. See previous page.
4. Noise from faucet or drain	Air gap faucet	Inherent sound with air-gap faucets.
	Location of drain saddle	See diagram for proper location of drain saddle.
	Higher capacity membrane	Normal with high capacity membrane
	High water pressure	Check incoming water pressure to make sure it does not exceed 100 psi. A presser relief valve may be necessary.
5. Faucet leaks from the air gap feature	Crimp or loop in drain line	Straighten black 3/8 drain tube. Cut off any excess tubing
	Drain tube clogged/restricted	Caused from dishwasher or garbage disposal. Disconnect the 3/8” black tube at the drain, clean the 3/8” black tube out with a wire, then reconnect.
6. Small amount of water in storage tank	System just starting up	Normally it takes 6-10 hours to fill tank. Note: Low pressure and/or temperature can drastically reduce production rate.
	Low water pressure	See #1 Above
	Too much air in tank	Add air if below 5 psi and bleed if above 5 psi. Check only when tank is empty of water. See previous page.
7. Water leaks from the filter housing	Not properly tightened.	Tighten the bowl
	Missing or kinked O-ring	Turn off the water supply. Release the pressure, remove bowl and replace the O-ring (p/n 113043). Make sure the O-ring is seated in the filter bowl properly before reinstalling the filter bowl.

Arsenic Fact Sheet

Arsenic (As) is a naturally occurring contaminant found in many ground waters. Arsenic in water has no color, taste or odor. It must be measured by an arsenic test kit or lab test. Public water utilities must have their water tested for arsenic. You can obtain the results from your water utility contained with in your consumer confidence report. If you have your own well, you will need to have the water evaluated. The local health department or the state environmental health agency can provide a list of test kits or certified labs.

There are two forms of arsenic: pentavalent arsenic (also called As (V), As (+5))and trivalent arsenic (also called As (III), As (+3)). In well water, arsenic may be pentavalent, trivalent, or a combination of both. Although both forms of aresenic are potentially hazardous to your health, trivalent arsenic is considered more harmful than pentavalent arsenic.

RO systems are very effective at removing pentavalent arsenic. A free chlorine residual will rapidly convert trivalent arsenic to pentavalent arsenic. Other water treatment chemicals such as ozone and potassium permanganate will also change trivalent arsenic to pentavalent arsenic. A combined chlorine residual (also called chloramine) may not convert all the trivalent arsenic. If you get your water from a public water utility, contact the utility to find out if free chlorine or combined chlorine is used in the water system.

This Watts Premier reverse osmosis system is designed to remove up to 98% of pentavalent arsenic. It will not convert trivalent arsenic to pentavalent arsenic. Under laboratory standard testing conditions, this system reduced 0.30 mg/L (ppm) pentavalent arsenic to under 0.010 mg/L (ppm) (the USEPA standard for drinking water). Actual performance of the system may vary depending on specific water quality conditions at the consumer's installation.

The RO component of this Watts Premier reverse osmosis system must be maintained according to its recommended maintenance cycle. Specific component identification and ordering information can be found in the installation/operation manual maintenance section, by phone at 1-800-752-5581 or online www.wattspremier.com.

California Proposition 65 Warning
WARNING: this product contains chemicals know to the State of California to cause cancer and birth defects or other reproductive harm. (Installer: California law requires that this warning be given to the consumer). For more information: www.wattsind.com/prop65.

California Certification

State of California
Department of Public Health

Water Treatment Device
Certificate Number

00 - 1452

Date Issued: October 17, 2005

Trademark/Model Designation

Watts Premier Deluxe Plus
Watts Premier Ultra 5
Watts Premier PUR-TEK
Watts Premier Watts 25
Watts Premier RO-TFM-5SV
Watts Premier RO-TFM-4SV
Watts RO-4
Watts RO-5
Watts Premier WP-5
Watts Premier WP-4
Watts Premier KP-4
Watts Premier KP-5
Watts Premier RO-4M
Watts Premier RO-5M

Replacement Elements:

sediment prefilter: 5M-10
carbon prefilters: 5M-CB or 56 cu.in. GAC
membrane: TFM-24
post filter: 1M-6 or 1M-10

Manufacturer: Watts Premier, Inc.

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity

Cysts
Turbidity

Organic Contaminants

None

Inorganic/Radiological Contaminants

Arsenic[1]
Barium
Cadmium
Chromium (hexavalent)
Chromium (trivalent)
Copper
Fluoride
Lead
Radium 226/228
Selenium
Perchlorate (≤ 100 ug/L)[2]

Rated Service Capacity: not applicable

Rated Service Flow: 9 gallons per day

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

[1] Claims for arsenic reduction shall only be made on water supplies maintaining detectable residual free chlorine at the reverse osmosis (RO) system inlet. Water systems using an in-line chlorinator should provide a minimum of 1 minute chlorine contact time before the RO system.

[2] This system is acceptable for treatment of influent perchlorate concentrations of no more than 100 ug/L.

Performance Data Sheet
WP-5, KP-5, RO5-M

Watts Premier Inc.
1725 W. Williams Drive C-20
Phoenix, AZ 85027 USA
(623) 931-1977 wpmail@wattsind.com

GENERAL USE CONDITIONS:
1. S . DO NOT use with wate ed for cyst reduction may be used on disinfected water that may contain filterable cysts.

2. Operating Temperature:	Maximum: 100°F (40.5°C)	Minimum: 40° (4.4°)
3. Operating Water Pressure:	Maximum: 85 psi (7.0kg/cm2)	Minimum: 40 psi (2.8kg/cm2)
4. pH	2 to 11	

5. No iron present in incoming feed water supply.
6. Hardness of more than 10 grains per gallon (170 ppm) may reduce TFM membrane life expectancy.
7. Recommend TDS (Total Dissolved Solids) not to exceed 1800 ppm.

RECOMMENDED REPLACEMENT PARTS AND CHANGE INTERVALS:
Note: Depending on incoming feed water conditions replacement time frame may vary.

Description		**Change time Frame**
Sediment Pre-filter:	#5m-10	6 Months
Carbon Pre-filter:	#GAC-410-56/#5MCB	6 Months
Final Carbon filter	#1M-6/#1M-10	12 Months
R.O. Membrane:	#TFM-24	2 to 5 years

This system has been tested according to NSF/ANSI 58 for reduction of the substances listed below. The concentration of the indicated substances in water enter ed in NSF/ANSI 58. This system has been tested for the treatment of water containing pentavalent arsenic (also known as As (V), As (+5), or arsenate) at concentrations of 0.30 mg/L or less. This system reduces pentavalent arsenic, but may not remove other forms of arsenic. This system is to be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the Arsenic Facts section of the Performance Data Sheet for further information.

	Avg. In.	**Avg. Eff.**	**% Reduction**	**pH**	**Pressure**	**Max Eff.**	**Inf. challenge concentration mg/L**	**Max Allowable concentration mg/L**
Arsenic (Pentavalent)	334.615 ug/L	5.0385 ug/L	98.4%		50psi	19 ug/L	0.30±10%	0.010 mg/L
Barium Reduction	10.2 mg/L	0.207 mg/L	97.9%	7.24	50psi	0.3 mg/L	10.0±10%	2.0
Cadmium Reduction	0.036 mg/L	0.0005 mg/L	98.6%	7.49	50psi	0.0007	0.03±10%	0005
Chromium (Hexavalent)	0.15 mg/L	0.013 mg/L	91.3%	7.24	50psi	0.03	0.3±10%	0.1
Chromium (Trivalent)	0.17 mg/L	.01 mg/L	94.1%	7.24	50psi	0.01	0.3±10%	0.1
Copper Reduction	3.1 mg/L	0.03 mg/L	99.0%	7.64	50psi	0.04	3.0±10%	1.3
Cysts	222,077#/ml	10 #/ml	99.99%			58	minimum 50,000/mL	
Fluoride Reduction	8.0 mg/L	0.5 mg/L	93.9%	7.49	50psi	0.7	8.0±10%	1.5
Lead Reduction	0.15 mg/L	0.002 mg/L	98.6%	7.49	50psi	0.003	0.15±10%	0.010
Perchlorate	0.10 mg/L	0.003 mg/L	96.5%	7.39	50 psi	0.005	0.10±10%	0.006
Radium 226/228	25pCi/L	5pCi/L	80.0%	7.24	50psi	5pCi/L	25pCiL±10%	5pCiL
Selenium	0.10	0.008	92.0%		50psi	0.011	0.10±10%	0.05
TDS	765	23 mg/L	96.8%	7.84	50 psi	33 mg/L	750±40mg/L	187
Turbidity	10.2 mg/L	0.26 mg/L	97.5%			0.83	11±1 NTU	0.5 NTU

Model No.	**Avg. Influent TDS**	**Avg. Effluent TDS**	**Avg. TDS DPR IN /EFF REDUCTION**	**RECOVERY**	**GALLONS**	**EFFICIENCY**
	765 mg/l	**23mg/l**	**96.8%**	**15.5%**	**9.06gpd**	**8.35%**

Depending on water chemistry, water temperature, and water pressure Watts Premier's R.O. Systems production and performance will vary.

Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the There is an average of 4 gallons of reject water for every 1 gallon of product water produced.

REFER TO OWNER'S INSTALLATION/SERVICE MANUAL FOR FURTHER MAINTENANCE REQUIREMENTS AND WARRANTY INFORMATION.

Performance Data Sheet
B-RO5M-50, WP5-50

Watts Premier Inc.
1725 W. Williams Drive C-20
Phoenix, AZ 85027 USA
(623) 931-1977 wpmail@wattsind.com

GENERAL USE CONDITIONS:
1. S . Do not use with wate ed for cyst reduction may be used on disinfected water that may contain filterable cysts.
2. This system is acceptable for treatment of influent concentrations of no more than 27 mg/L nitrate and 3 mg/L nitrite in combination measured as N and is certified for nitrate/nitrite reduction only for water supplies with a pressure of 280 kPa (40 psig) or greater. If your water supply is under 40 psi, Watts Premier recommends the use of a RO booster pump for proper operation.

3. Operating Temperature:	Maximum: 100°F (40.5°C)	Minimum: 40° (4.4°)
4. Operating Water Pressure:	Maximum: 85 psi (7.0kg/cm2)	Minimum: 40 psi (2.8kg/cm2)
5. pH	2 to 11	

6. Hardness of more than 10 grains per gallon (170 ppm) may reduce TFM membrane life expectancy.
7. Recommend TDS (Total Dissolved Solids) not to exceed 1800 ppm.

RECOMMENDED REPLACEMENT PARTS AND CHANGE INTERVALS:
Depending on incoming feed water conditions replacement time frame may vary.

Change Time	Description
6 months:	Sediment Pre-filter; Carbon Pre-filters
12 months	Final Carbon filter
2 to 5 years	R.O. Membrane

This system has been tested according to NSF/ANSI 58 for reduction of the substances below. The concentration of the indicated substances in water enter ed in NSF/ANSI 58. This system has been tested for the treatment of water containing pentavalent arsenic (also known as As (V), As (+5), or arsenate) at concentrations of 0.30 mg/L or less. This system reduces pentavalent arsenic, but may not remove other forms of arsenic. This system is to be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the Arsenic Facts section of the Performance Data Sheet for further information.

	Avg. In.	Avg. Eff.	% Reduction	pH	Pressure	Max Eff.	Inf. challenge concentration mg/L	Max Allowable concentration mg/L
Arsenic (Pentavalent)	334.615 ug/L	5.0385 ug/L	98.4%		50psi	19 ug/L	0.30±10%	0.010
Barium Reduction	10.2 mg/L	0.207 mg/L	97.9%	7.24	50psi	0.3 mg/L	10.0±10%	2.0
Cadmium Reduction	0.036 mg/L	0.0005 mg/L	98.6%	7.49	50psi	0.0007	0.3±10%	0005
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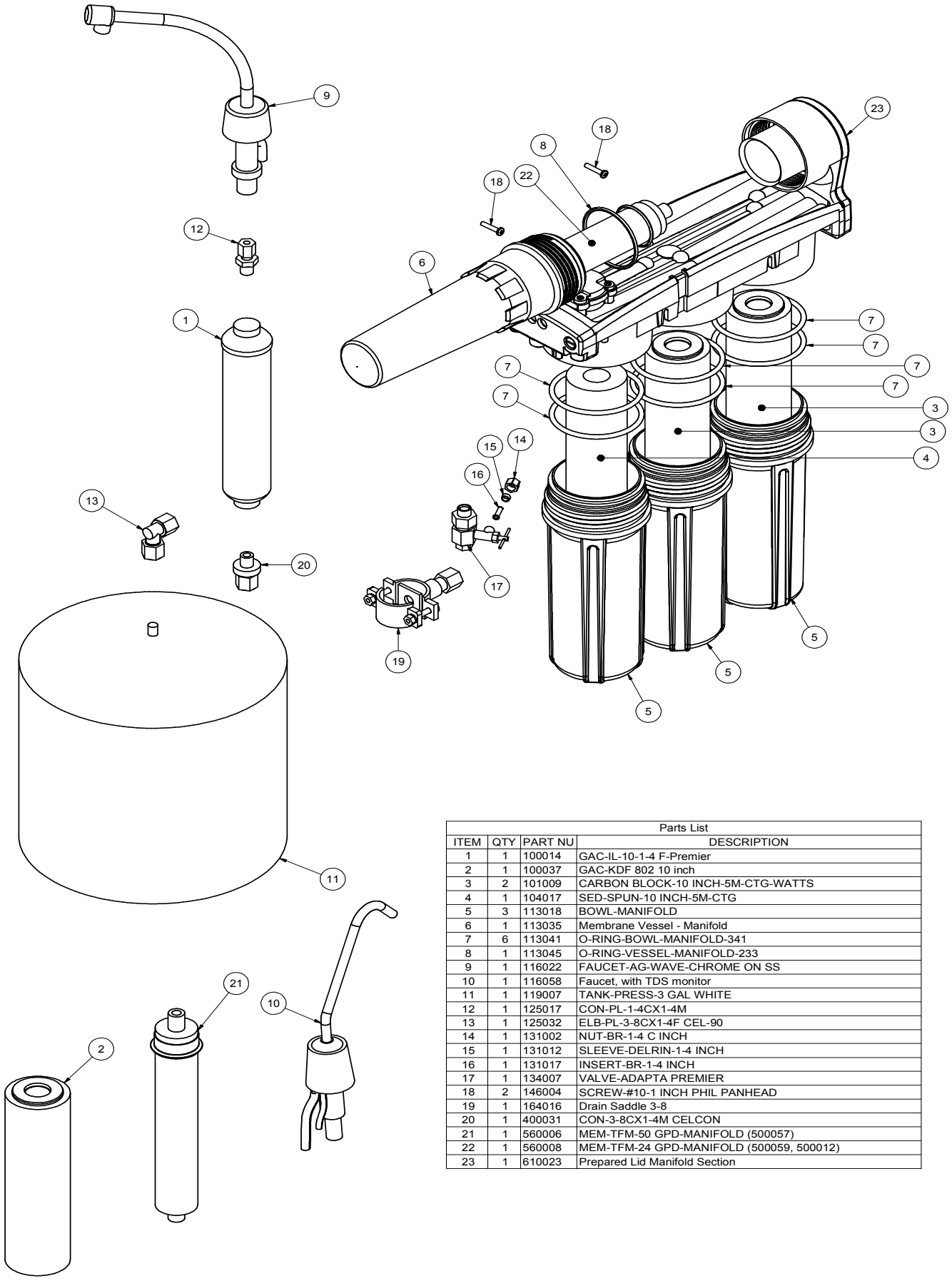
Cysts	222,077#/ml	10 #/ml	99.99%			58	minimum 50,000/mL	
Fluoride Reduction	8.0 mg/L	0.5 mg/L	93.9%	7.49	50psi	0.7	8.0±10%	1.5
Lead Reduction	0.15 mg/L	0.002 mg/L	98.6%	7.49	50psi	0.003	0.15±10%	0.010
Nitrate & Nitrite	28.8 mg/L	6.6 mg/L	77.0%		50 psi	10 mg/L	30±10%	10.0
Nitrate	26.0 mg/L	6.1 mg/L	76.5%		50 psi	10 mg/L	27±10%	10.0
Nitrite	2.8 mg/L	0.5 mg/L	82.1%		50 psi	0.77mg/L	3.0±10%	1.0
Perchlorate	0.10 mg/L	0.003 mg/L	96.5%	7.39	50 psi	0.005 mg/L	0.10±10%	0.006
Radium 226/228	25 pCi/L	5 pCi/L	80.0%	7.24	50psi	5 pCi/L	25pCiL±10%	5 pCi/L
Selenium	0.10	0.008	92.0%		50psi	0.011	0.10±10%	0.05
TDS	765	23	96.8%	7.84			750±40mg/L	187
Turbidity	10.2 mg/L	0.26 mg/L	97.5%			0.83	11±1 NTU	0.5 NTU

RECOVERY - 16.34% **GALLONS - 17.32 GPD** **EFFICIENCY - 8.91%**

Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the There is an average of 4 gallons of reject water for every 1 gallon of product water produced. Testing performed under standard laboratory conditions, actual performance may vary. Refer to owners manual for further maintenance requirements and warranty information.



Parts List			
ITEM	QTY	PART NU	DESCRIPTION
1	1	100014	GAC-IL-10-1-4 F-Premier
2	1	100037	GAC-KDF 802 10 inch
3	2	101009	CARBON BLOCK-10 INCH-5M-CTG-WATTS
4	1	104017	SED-SPUN-10 INCH-5M-CTG
5	3	113018	BOWL-MANIFOLD
6	1	113035	Membrane Vessel - Manifold
7	6	113041	O-RING-BOWL-MANIFOLD-341
8	1	113045	O-RING-VESSEL-MANIFOLD-233
9	1	116022	FAUCET-AG-WAVE-CHROME ON SS
10	1	116058	Faucet, with TDS monitor
11	1	119007	TANK-PRESS-3 GAL WHITE
12	1	125017	CON-PL-1-4CX1-4M
13	1	125032	ELB-PL-3-8CX1-4F CEL-90
14	1	131002	NUT-BR-1-4 C INCH
15	1	131012	SLEEVE-DELRIN-1-4 INCH
16	1	131017	INSERT-BR-1-4 INCH
17	1	134007	VALVE-ADAPTA PREMIER
18	2	146004	SCREW-#10-1 INCH PHIL PANHEAD
19	1	164016	Drain Saddle 3-8
20	1	400031	CON-3-8CX1-4M CELCON
21	1	560006	MEM-TFM-50 GPD-MANIFOLD (500057)
22	1	560008	MEM-TFM-24 GPD-MANIFOLD (500059, 500012)
23	1	610023	Prepared Lid Manifold Section

Other Products from Watts Premier

Watts Premier has other fine water filtration products and accessories to enhance your water and to compliment your existing RO System. Listed on the next several pages are only a few of the items we offer. Visit our website at www.wattspremier.com or call our Customer Service Representatives at 1-800-752-5582 (inside USA) 1-623-931-1977 (outside USA) for more products.

Deluxe Filter replacement kit for 5 stage reverse osmosis systems
This filter kit includes one sediment filter, two 5-Micron Carbon Blocks, plus a heavy duty wrench, 10” in-line final filter, and fittings. These filters provide an extra level of filtration by allowing for more contact between the carbon

Part No. 560067

Premium Filter replacement kit
Compatible with all Watts Premier Reverse Osmosis and other water filtration systems. These filters provide an extra level of filtration by allowing for more contact between the carbon media and your water.
Part No. 560002

Premium Plus Filter Kit
Same as above, plus heavy duty wrench, 10” final filter and fittings.
Part No. 560067

Heavy Duty Wrench
This wrench fits all Watts Premier filter bowls, membrane vessel and those of most of competing brands.

Part No. 164003

3/8” Ice Maker Kit for RO and Filtration

3/8 inch connection includes 30 feet tubing, ball valve, and fittings.

Part No. 500010

Top Mount Faucets by Watts Premier
These attractively designed faucets feature a long reach spout to compliment all styles of kitchen decor. The unique top mount design allows for easy above counter installation. The Monitored version of this faucet has an LED light that turns red to notify you for filter replacement.

Part No. 116000 - Chrome (Non-Monitored)
116072 - Brushed Nickel (Non-Monitored)
116074 - Chrome (Monitored)

Watts Premier Ice Maker Kit - High efficiency replaceable filter that can last up to 3 years or 10,000 gallons. Perfect for residential and commercial ice makers as well as refrigerators, drinking fountains, coffee & tea brewers, motor homes and campers. Reduces chlorine taste and odor.

Part No. 500327

Whole House Filter
Great for sediment problems such as in well water supply or areas where dirt and rust particles are a problem. Includes three 50 micron sediment filters and wrench
(3/4” ports)
Part No. 500223

Replacement filter

Water Pressure Gauge
This gauge mounts onto your outside hose connection to accurately show your home’s water pressure up to 300 psi. A red needle shows peak overnight pressure, which may exceed readings during the day. High pressure readings may indicate the need for a pressure regulator to prevent damage to appliances.
Part No. 261003

Pocket Total Dissolved Solids (TDS) Monitor
Test water electronically to verify reverse osmosis membrane effectiveness. Carrying case included.

Part No. 273001

Watts Premier Hot Water Recirculation Pump
Bring convenience and saving to your home, giving you hot water instantly at every faucet, when you need it. This unique product is easy to install and not only provides you with the convenience of hot water when you need it, but saves an average of over 11,000 gallons per year.

Part No. 500800

Removing chlorine from your shower

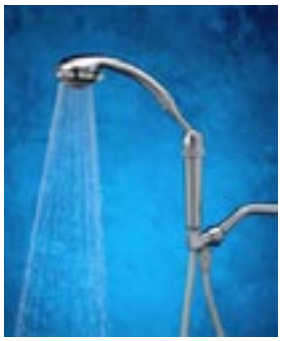
Special Chlorgon & KDF media – More effective then carbon medias with hot water applications in the removal of the following.

- √ Free Chlorine (CL-)
- √ Combined Chlorine (Sodium Hypochlorite)
- √ Hydrogen Sulfide (Rotten egg smell)
- √ Plus, its pH balanced.
- √ Iron oxide (rust water)
- √ Dirt, sediment
- √ Odors

Deluxe Shower Handle with Built in Filter 2PK
5-Way Massaging Spray
72” Reinforced Hose
High Strength Bracket
Triple Plated Finish
Reversible Filter Cartridge (Model HHC)
Cartridge Life Rating: 3 months
Part No. 107090 WHITE
Part No. 107091 CHROME

Replacement filters

Part No. 107075



Shower Falls Deluxe Shower Handle with Built in Filter
Curved Ergonomic Shower Handle
Filter Handle Extension
Dual Swivel Adjustment
Ultra Deluxe 5 Way Massaging Spray
72” Reinforced Hose
Chrome Plated Brass Bracket & Swivel Ball Extension
Triple Plated Finish
Reversible Filter Cartridge (Model HHC)
Cartridge Life Rating: 3 months
Part No. 107095 CHROME

Replacement filters 2PK

Part No. 107075

All-In-One reversible High-Flow Filter
Deluxe 5-Way Massaging Spray
Soft-Touch Adjustment Pads
Anti-Scaling Spray Nozzle
High Strength Housing
Triple Plated Finish
Cartridge Life Rating: 6 months
Part No. 107098 White/Chrome
Part No. 107099 White/Gold

Replacement filter

Part No. 107080

WARRANTY REGISTRATION

Thank you for selecting Watts Premier for your water filtration needs.

4 Ways to Register

1. Online at www.wattspremier.com

Register your product online and receive a 5% discount on your next online order, Plus receive reduced shipping.

2. Call in your information 1-800-752-5582

Call and we will enter your information.

3. Fax in your information 623-931-0191

Fax this form directly to us.

4. Mail in the information.

Please complete the form below. Mail to: **Watts Premier**
1725 W. Williams Dr. C-20
Phoenix, AZ 85027

Registering will insure you receive Watts

FREE

Filter Reminder Service

Watts Premier Inc. is concerned for the safety of your personal information. Watts Premier collects personal information when you register with Watts Premier. This information is stored in our data base and we do not rent, sell, or share personal information with other people or nonaffiliated companies. We reserve the right to send you certain types of communications such as direct mail, email, or by telephone relating to our products or products that you have purchased. We limit access to your personal information to those employees who will directly provide you with services or products in order to do their jobs. We want to offer you four ways to communicate with us. 1.Online, 2.Fax, 3.Telephone, and 4. Mail the form below. By registering your product you will receive the full benefit of our warranty. Watts Premier will also send you a semiannual filter change reminder beginning six months from date of installation. To insure the highest quality of your water, filters should be replaced every 6 months. If you have any questions or comments please give us a call at 1-800-752-5582 M-F 8:00am -5:00pm MST.

First Name:_____ Last Name:_____

Address: _____ City: _____

State: _____ Zip Code: _____

Country: ☐ USA ☐ CANADA ☐ MEXICO ☐ OTHER _____

Phone # _____-_____ -_____ Email Address: _____

Date of Purchase: _____ Date of Install: _____

Installed By: ☐ SELF ☐ Plumbing Professional Where Purchased: _____

Model Number: _____ Serial Number: _____ - _____
XXXXX - XXXXXX

Watts Premier, Inc. 1725 W. Williams Drive C-20 Phoenix, AZ 85027
Phone: 800-752-5582 www.wattspremier.com Fax: 623-931-0191

WARRANTY REGISTRATION

Please Fill out and keep for your Records

First Name:_____ Last Name:_____

Address: _____ City: _____

State: _____ Zip Code: _____

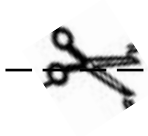
Country: ☐ USA ☐ CANADA ☐ MEXICO ☐ OTHER _____

Phone # _____-_____ -_____ Email Address: _____

Date of Purchase: _____ Date of Install: _____

Installed By: ☐ SELF ☐ Plumbing Professional Where Purchased: _____

Model Number: _____ Serial Number: ____ - _____
XXXXX - XXXXXX



Insert into envelope and return to Watts Premier

Watts Premier
1725 W. Williams Dr. C-20
Phoenix, AZ 85027

Service Record

Serial No. _____

Date of Purchase:_____ Date of Install:_____ Installed by:_____

Date	1st stage Sediment (6 months)	2 nd stage Carbon (6 months)	3rd stage Carbon (6 months)	Final Filter Carbon (1 year)	TFM Membrane (2-5 years)

NOTES:

Limited Warranty

What your Warranty Covers:
If any part of your WATTS PREMIER Reverse Osmosis System is defective in workmanship (excluding replaceable filters and membranes), return unit after obtaining a return authorization (see below), less tank, within 3 year of original retail purchase, WATTS PREMIER will repair or, at WATTS PREMIER'S option, replace the system at no charge.

How to obtain Warranty Service:
For warranty service, call 1-800-752-5582 for a return authorization number. Then, ship your Reverse Osmosis unit (less tank) to our factory, freight and insurance prepaid, with proof of date of original purchase. Please include a note stating the problem. Premier will repair it, or replace it, and ship it back to you prepaid.

What this warranty does not cover:
This warranty does not cover defects resulting from improper installation, (contrary to WATTS PREMIER's printed instructions), from abuse, misuse, misapplication, improper maintenance, neglect, alteration, accidents, casualties, fire, flood, freezing, environmental factors, water pressure spikes or other such acts of God.

This warranty will be void if defects occur due to failure to observe the following conditions:

1. The Reverse Osmosis System must be hooked up to a potable municipal or well cold water supply.
2. The hardness of the water should not exceed 7 grains per gallon, or 120 ppm.
3. Maximum incoming iron must be less than 0.2 ppm.
4. The pH of the water must not be lower than 2 or higher than 11.
5. The incoming water pressure must be between 40 and 100 pounds per square inch.
6. Incoming water to the RO cannot exceed 105 degrees F (40 degrees C.)
7. Incoming TDS/Total Dissolved Solids not to exceed 1800 ppm.
8. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

This warranty does not cover any equipment that is relocated from the site of its original installation.

This warranty does not cover any equipment that is installed or used outside the United States of America and Canada.

LIMITATIONS AND EXCLUSIONS:

WATTS PREMIER WILL NOT BE RESPONSIBLE FOR ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PREMIER WILL NOT BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING TRAVEL EXPENSE, TELEPHONE CHARGES, LOSS OF REVENUE, LOSS OF TIME, INCONVENIENCE, LOSS OF USE OF THE EQUIPMENT, AND DAMAGE CAUSED BY THIS EQUIPMENT AND ITS FAILURE TO FUNCTION PROPERLY. THIS WARRANTY SETS FORTH ALL OF PREMIER'S RESPONSIBILITIES REGARDING THIS EQUIPMENT.

OTHER CONDITIONS:

If PREMIER chooses to replace the equipment, WATTS PREMIER may replace it with reconditioned equipment. Parts used in repairing or replacing the equipment will be warranted for 90 days from the date the equipment is returned to you or for the remainder of the original warranty period, whichever is longer. This warranty is not assignable or transferable.

YOUR RIGHTS UNDER STATE LAW:
Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply. This warranty gives you specific legal rights, and you may have other legal rights which vary from state to state.